

eCC108 Technical Data



CPU Support

- Onboard Intel® Celeron® processor J3455 Quad Core, 1.50GHz
- Main Memory
- 1 x DDR3L SO-DIMM socket, support DDR3L1866 8GB RAM max., un-buffered and non-ECC

Display Option

- Dual independent display: DP1 & DP2

I/O Interface-Front

- ATX power on/off switch
- 1 x Power status/1 x HDD access/1x programing LEDs
- 2 x USB 3.0 (900mA per each)
- 2x USB 2.0 (500mA per each)
- 2 x Intel® I210-IT GbE LAN ports; support WoL, teaming and PXE
- 1 x DB9 for COM3, it supports RS232/422/485 with auto flow control
 - Jumper-free setting on RS232/422/485 by BIOS
 - 2 x DB9 for COM1 & COM2, support RS232 only
 - COM1 support ring function
 - COM2 support 5V/12V/ring function by jumper setting, ring as the default
- 1 x 3-pin DC input, support 24 VDC input
- 1 x Antenna hole for optional WI-FI/3.5G antenna
- 1 x 3-pin remote power on/off switch

I/O interface-Rear

- 1 x Antenna hole for optional WI-FI/3.5G antenna
- Storage Device
- 1 x M.2 (SATA 2.0, 2242)
- 1 x 2.5" HDD (SATA 2.0)

Expansion Slot

- 1 x mini-PCIe socket for optional WI-FI/3.5G/4G module
- (For 3.5G/4G function, mini-PCIe module must have SIM

card holder)

Power Requirements

- Power input: DC input: 24V
- 1 x Optional 24V, 60W power adapter

Dimensions

- 185 mm (W) x 131mm (D) x 54 mm (H) without wall-mount bracket

Construction

- Aluminum and metal chassis with fanless design

Environment

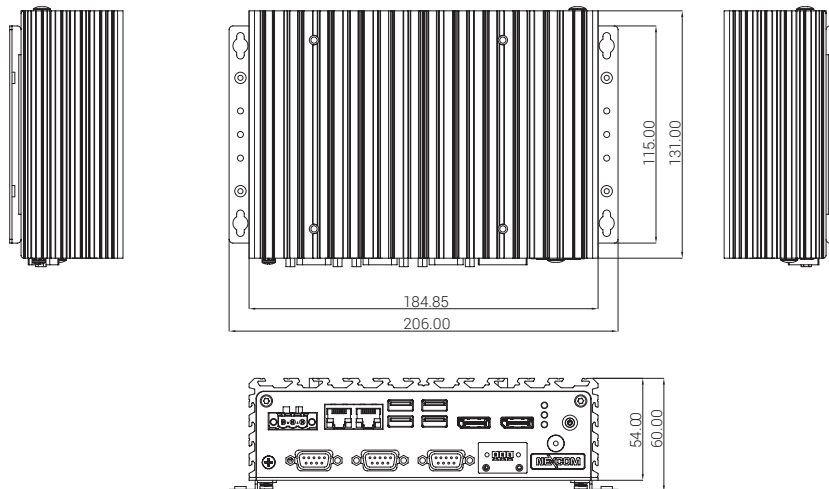
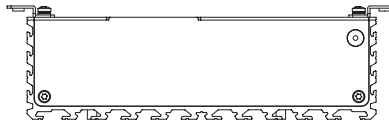
- Operating temperature: Ambient with air flow: -5°C to 55°C with industrial grade device (according to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14)
- Storage temperature: -20°C to 80°C
- Relative humidity: 10% to 95% (non-condensing)
- Shock protection:
 - HDD: 20G, half sine, 11ms, IEC60068-2-27
 - CFast: 50G, half sine, 11ms, IEC60068-2-27
- Vibration protection w/ HDD condition:
 - Random: 0.5Grms @ 5~500 Hz, IEC60068-2-64
 - Sinusoidal: 0.5Grms @ 5~500 Hz, IEC60068-2-6
- Vibration protection w/ SSD condition:
 - Random: 2Grms @ 5~500 Hz, IEC60068-2-64
 - Sinusoidal: 2Grms @ 5~500 Hz, IEC60068-2-6

Certifications

- CE
- FCC Class A

Support OS

- Linux Kernel version 4.1
- Windows 10 IoT Enterprise, 64-bit



Ordering Information

Model	Part Number	Description
eCC108	+70ECC108	Intel® Celeron® processor J3455 Quad Core, 1.50GHz